

CALIFORNIA ENERGY COMMISSION

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HERS Verification Requirements for the Alternate Charge Measurement Procedure

For an air conditioner that is installed when the outdoor temperature is below 55°F, the installing contractor must use the Alternate Charge Measurement Procedure (Weigh-in Method, Residential Appendices RA3.2.3). Every system on which the Alternate Charge Measurement Procedure (weigh-in method) was used must be field verified by a Home Energy Rating System (HERS) rater, using the Standard Charge Measurement Procedure (Residential Appendices RA3.2.2), when the outdoor temperature is above 55°F.

Sampling is not allowed for HERS verification compliance for systems when the installing contractor used the Alternate Charge Measurement Procedure (weigh-in method).

Note that, according to Residential Appendix RA2.4.4, an enforcement agency may approve compliance documentation for refrigerant charge measurement when installers have used the Alternate Charge Measurement Procedure (weigh-in method). This approval will be on the condition that the installing contractor provides a signed agreement to the builder or homeowner, with a copy to the enforcement agency, to correct the refrigerant charge if the HERS rater determines at a later time, when the outside temperature is above 55°F, that correction is necessary.

If the Alternate Charge Measurement Procedure (weigh-in method) was used, the installing contractor must complete a CF-6R-MECH-26-HERS. If the Standard Charge Measurement Procedure was used, the installing contractor must complete a CF-6R-MECH-25-HERS. When either charge measurement procedure was used by the installing contractor, the HERS rater must verify the installation and complete a CF-4R-MECH-25 for registration and submittal to the enforcement agency.